

**Abstract**

A power supply unit controller for a rack enclosure in which a plurality of devices communicate via a  
5 backplane is disclosed. The controller reads at least one signal indicative of an output supply level being provided to the backplane by a power supply unit associated with the power supply unit controller and stores at least one value associated with a respective  
10 one of the at least one signal. The controller communicates the at least one value to one of the devices; and receives power for the power supply unit controller from the backplane.